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Notice of Allowability	Application No.	Applicant(s)	
	10/733,586	VENERUSO ET AL.	
	Examiner	Art Unit	
	Sisay Yacob	2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to July 24, 2006.
2. ☒ The allowed claim(s) is/are 1-5, 7-22 and 24-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|--|

DETAILED ACTION

Allowable Subject Matter

1 This communication is in response to applicant's amendment to a first non-final office action, which was filed July 24, 2006.

2 Amendments and arguments to pending claims 1-27 have been entered and made of record in the application of Veneruso et al., "Fused and sealed connector system for permanent reservoir monitoring and production control" filed on June 30, 2004.

Claims 1, 7, 11, 15, 16, 17, 24 and 25 are amended.

Claims 6 and 23 are canceled.

Claims 2-5, 8-10, 12-14, 18-22 and 26-27 are the same as originally filed.

Claims 1-5, 7-22 and 24-27 are pending.

Response to Arguments

3 Applicant's amendments and arguments with respected to the pending claims 1-5, 7-22 and 24-27, filed on July 24, 2006 have been fully considered and applicant's

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amendments and arguments are persuasive, which put the application in a condition for allowance.

4 The following is an examiner's statement of reasons for allowance: The prior arts of record fails to disclose, teach or suggest limitations, an isolation system for use in a well, the isolation system comprising a plurality of electrical devices in the well, a current source adapted to supply a reverse-polarity current to the electrical devices, and a fuse set to blow upon receiving the reverse-polarity current, wherein at least one fuse is arranged between the current source and one of the electrical devices, and a switch movable from a first position enabling powering of the plurality of electrical devices to a second position in which the current source is connected to supply the reverse-polarity current for blowing the fuse and disconnecting an electrical device, wherein upon disconnecting the electrical device, the switch can be returned to the first position to provide power to the remaining electrical devices of the plurality of electrical devices.

5 And, the prior art fail to suggest limitations, a system for use in a well, the system comprising a fuse in communication with and between an electrical line and a downhole electrical device, a reverse-polarity current source, and a reverse-polarity protection diode in communication with and between the electrical device and the fuse, wherein each fuse is fabricated from a material capable of enduring downhole thermal and mechanical stress.

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6 Also, the prior art fail to suggest limitations, a method comprising electrically isolating a short circuited electrical device from another electrical device by blowing a fuse, wherein the electrical devices are located downhole, and applying a reverse-polarity current to blow the fuse.

7 Furthermore, the prior art fail to suggest limitations, a method comprising providing a plurality of electrical devices connected to an electrical line in a well, the electrical line comprising a tubular encasement; preventing hydraulic flow through at least a portion of the electrical line; and selectively isolating the electrical devices using fuses.

Conclusion

8 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sisay Yacob whose telephone number is (571) 272-8562. The examiner can normally be reached on Monday through Friday 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Hofsass can be reached on (571) 272-2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

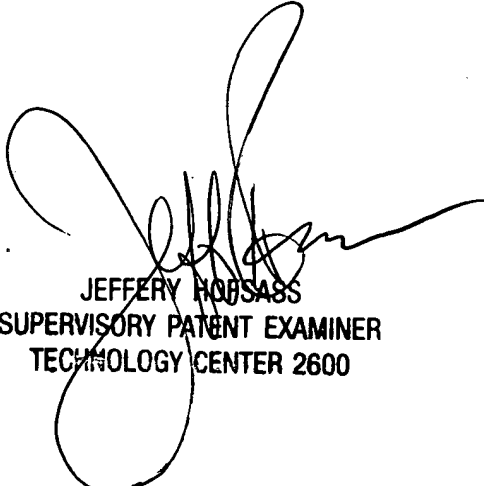
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sisay Yacob

9/25/2006

S.Y.



JEFFERY HOBSASS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600